

Amendments to Claims

1. (Currently amended) A glazing element comprising ~~the glass laminate of Claim 24~~ a glass laminate suitable for use in a stopless glazing architectural design, the glass laminate itself comprising

a transparent laminate and  
at least one attachment means for attaching the laminate to a support structure for the laminate wherein:

the laminate comprises at least one layer of glass, the glass layer having a major exterior surface and a major interior surface thereon,

a thermoplastic polymer interlayer bonded to the attachment means and to the major interior surface of the glass;

wherein the attachment means is a clip useful for aligning and holding the laminate in a retaining channel of the support structure and,

the clip further comprises at least one interlocking extension useful for restricting rotational or transverse movement of the laminate within the retaining channel and/ or movement of the laminate out of the channel, the extension being spaced away from the bond between the interlayer and the interior surface of the glass layer, the extension also being disposed exteriorly to and in parallel spaced relationship with the major exterior surface of the glass layer .

2. Cancelled

3. (Currently amended) The glazing element of Claim 24 wherein the clip comprises a second extension also extending parallel to the major surface of the glass layer.

4. (Original) The glazing element of Claim 3 wherein the support structure comprises cables, ropes, chains, hooks, or a combination of any of these.

5. (Previously amended) The glazing element of Claim 24 wherein the thermoplastic polymer is selected from polymers in the group consisting of:  
polyvinylbutyrals (PVB); polyvinyl chlorides (PVC);  
polyurethanes (PUR); polyvinyl acetate; ethylene acid  
copolymers and derivatives thereof; polyesters;  
copolyesters; polyacetals and blends thereof.

6. (Original) The glazing element of Claim 5 wherein the thermoplastic polymer is an ethylene acid copolymer or a fully or partially neutralized salt thereof (ionomer).

7. (Original) The glazing element of Claim 6 wherein the thermoplastic polymer is an ionomer.

8. (Previously presented) A glass laminate suitable for use in a stopless glazing application comprising:

at least two layers of glass, each glass layer having a major exterior surface and a major interior surface thereon;

at least one thermoplastic polymer interlayer positioned between and bonded to the major interior surfaces of the glass layers;

at least one attachment means positioned at one or more points on the periphery of the laminate,

wherein the attachment means comprises a retaining assembly that is bonded directly to a second thermoplastic polymer,

the retaining assembly including a clip useful for aligning and holding the laminate in a retaining channel of the support structure,

the clip comprising at least one interlocking extension useful for restricting rotational or transverse movement of the laminate within the retaining channel or movement of the laminate out of the channel,

the extension being spaced away from the bond between the interlayer and the interior surfaces of the glass, the extension being disposed exteriorly to and in parallel spaced relationship with the major exterior surfaces of the glass layer; and

wherein the second thermoplastic polymer is

(a) bonded to the interlayer at the interface where the polymer and the interlayer are in direct contact and

(b) bonded to the glass at another interface where the glass and the polymer are in direct contact, and wherein

the second thermoplastic polymer can be the same material as the thermoplastic polymer interlayer or can be a different material from the thermoplastic polymer interlayer.

9 - 23. Cancelled

24. (Previously amended) A glass laminate suitable for use in a stopless glazing architectural design comprising:

a transparent laminate and

at least one attachment means for attaching the laminate to a support structure for the laminate wherein:

the laminate comprises at least one layer of glass, the glass layer having a major exterior surface and a major interior surface thereon,

a thermoplastic polymer interlayer bonded to the attachment means and to the major interior surface of the glass;

wherein the attachment means is a clip useful for aligning and holding the laminate in a retaining channel of the support structure and,

the clip further comprises at least one interlocking extension useful for restricting rotational or transverse movement of the laminate within the retaining channel or movement of the laminate out of the channel, the extension being spaced away from the bond between the interlayer and the interior surface of the glass layer, the extension also being disposed exteriorly to and in parallel spaced relationship with the major exterior surface of the glass layer.

25. (Original) The laminate of Claim 24 wherein the thermoplastic polymer is selected from polymers in the group consisting of: polyvinylbutyrals (PVB); polyvinyl chlorides (PVC); polyurethanes (PUR); polyvinyl acetate; ethylene acid copolymers and derivatives thereof; polyesters; copolyesters; polyacetals and blends thereof.

26. (Original) The laminate of Claim 25 wherein the thermoplastic polymer is an ethylene acid copolymer or a fully or partially neutralized salt thereof (ionomer).

27. (Original) The laminate of Claim 26 wherein the thermoplastic polymer is an ionomer.

28. (Original) A curtain wall comprising at least one laminate of Claim 24.

29. Cancelled